

FIG. 1 is a cross-sectional view of a liquid crystal display device. The device includes a central display area (10a) surrounded by a thick, hatched frame (53). This frame is enclosed by a dotted layer (10). The entire assembly is housed within a frame (104). At the bottom, there is a series of small rectangular elements (101 and 102). A vertical dashed line H' passes through the center, and a horizontal dashed line H is at the bottom. Various other labels include 10, 20, 105, 106, 52, and 104.

FIG. 4

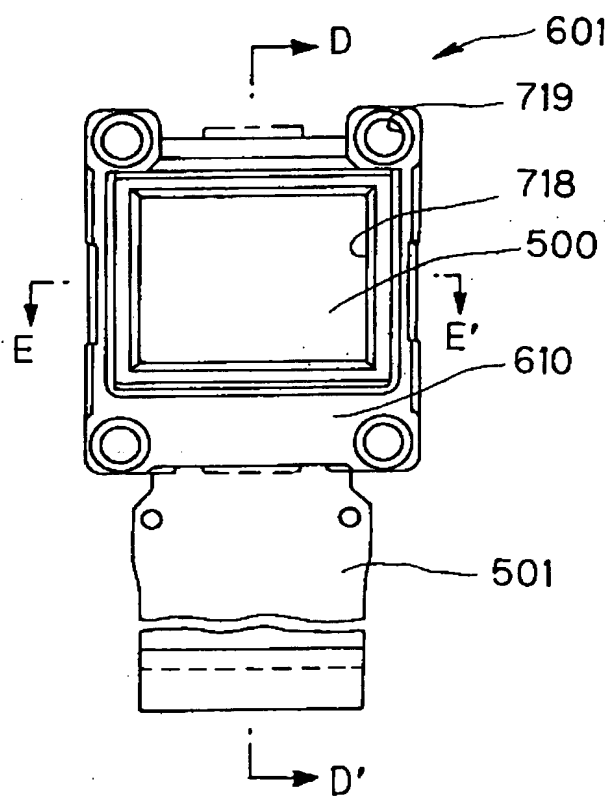


FIG. 5

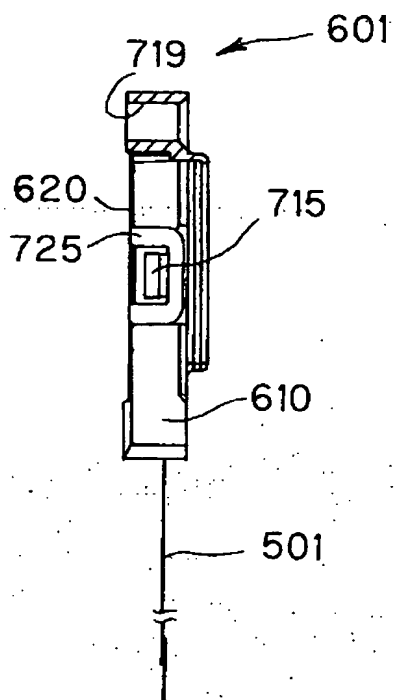


FIG. 6

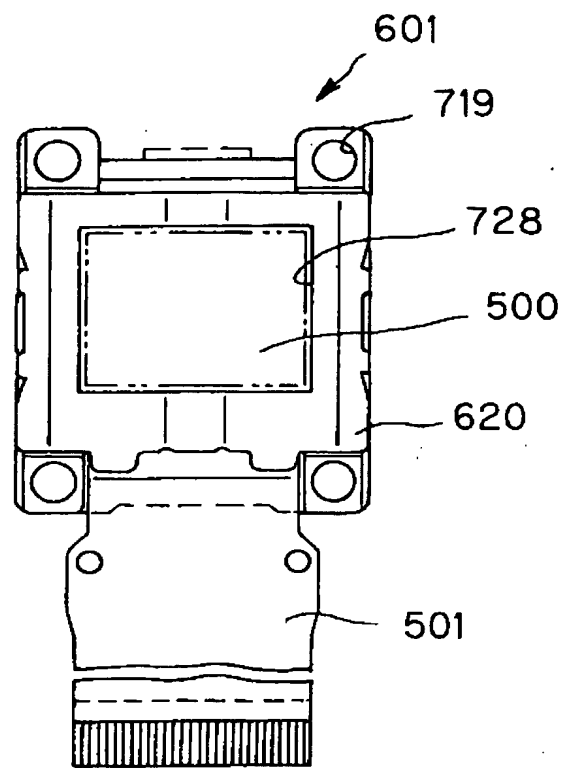


FIG. 7

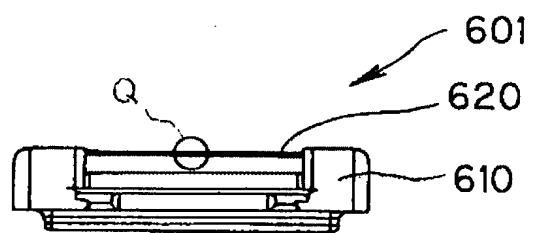


FIG. 8

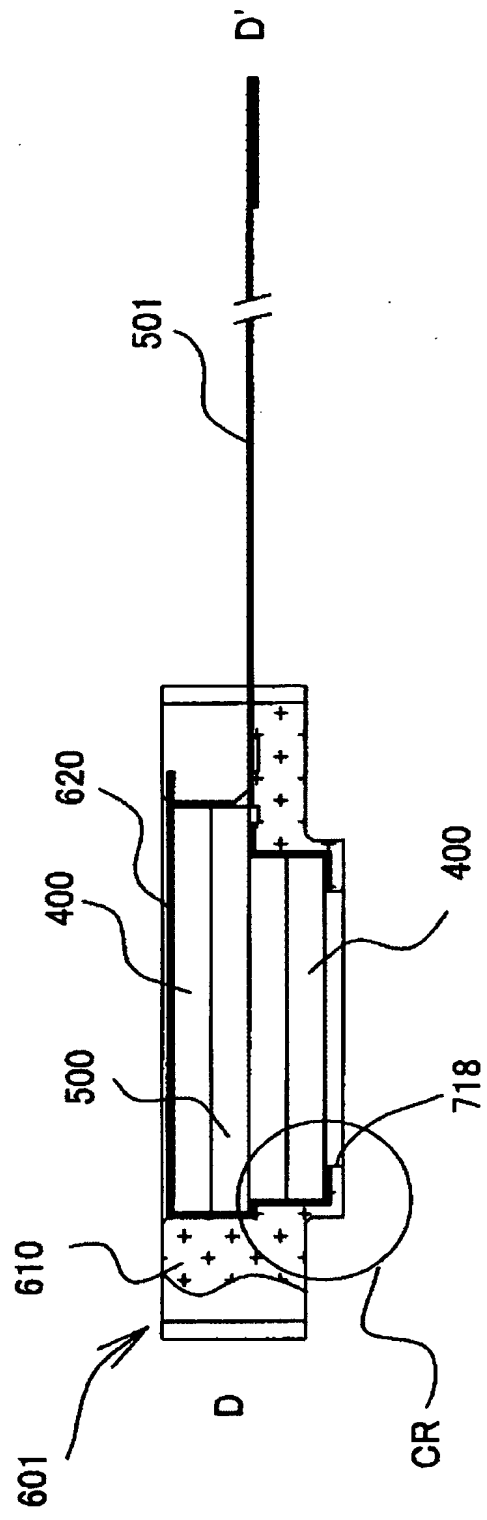


FIG. 9

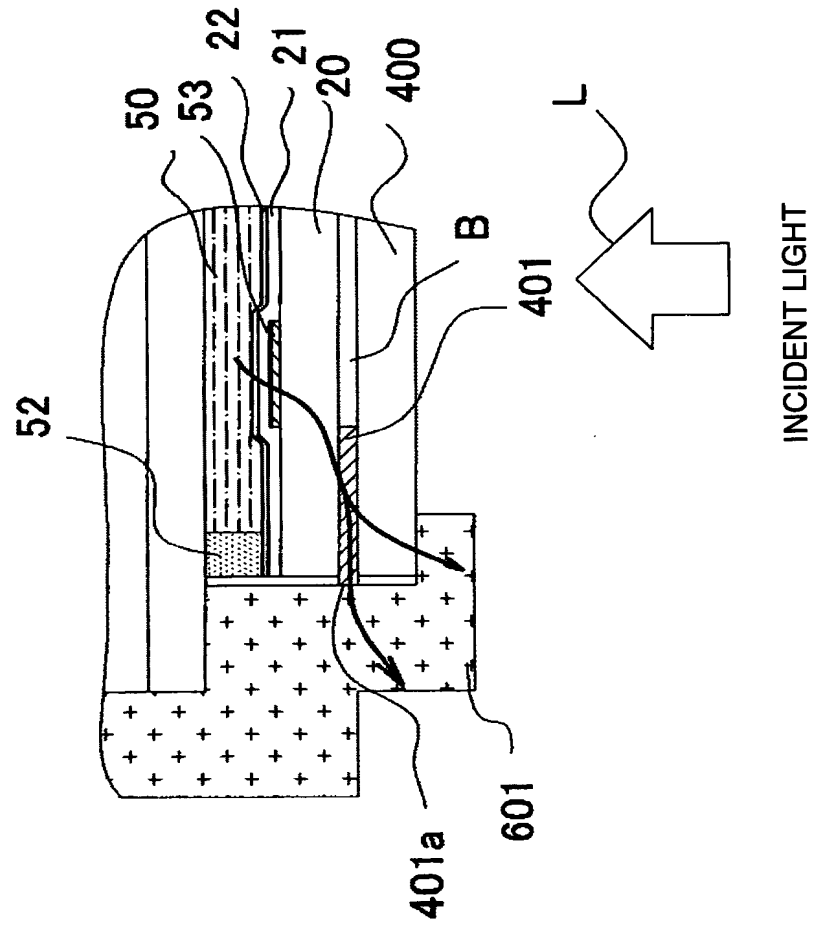


FIG. 10

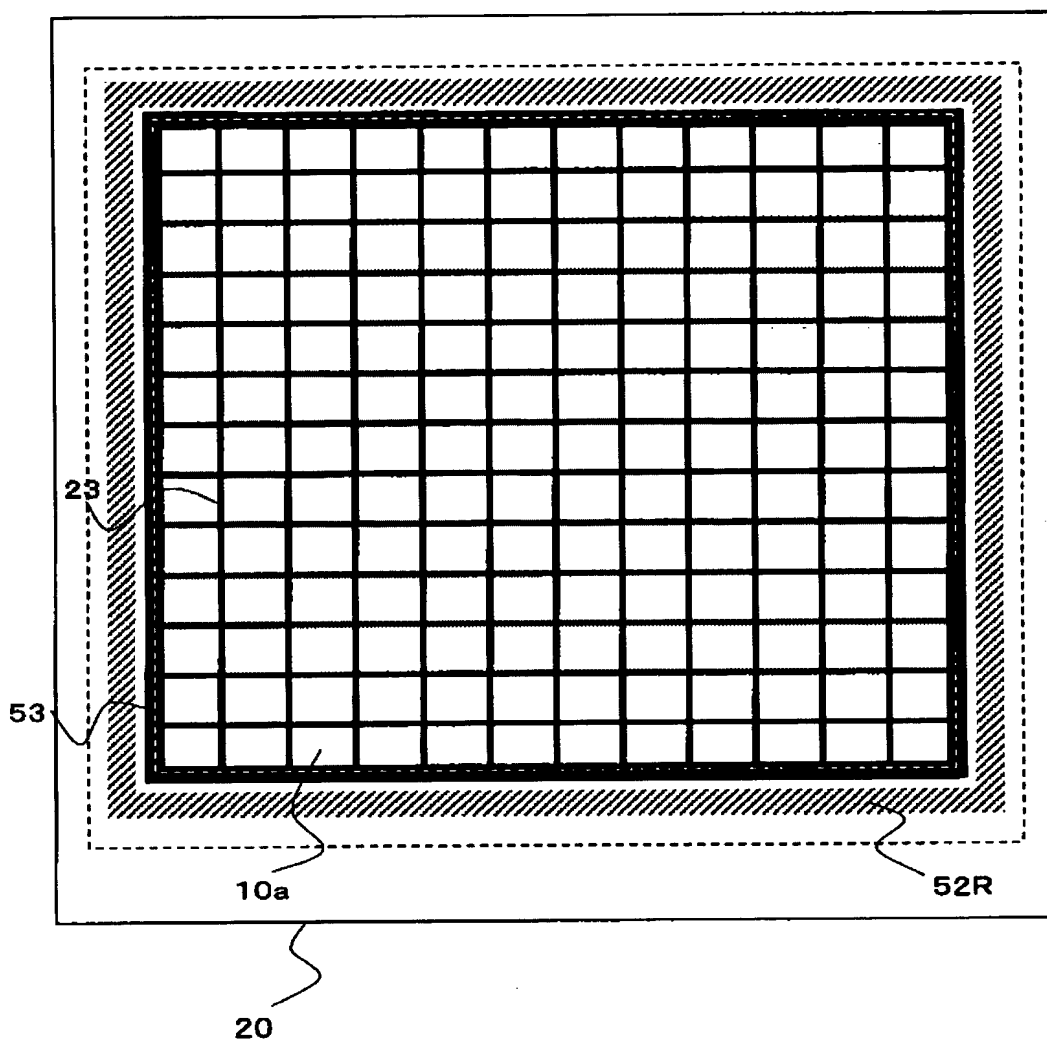
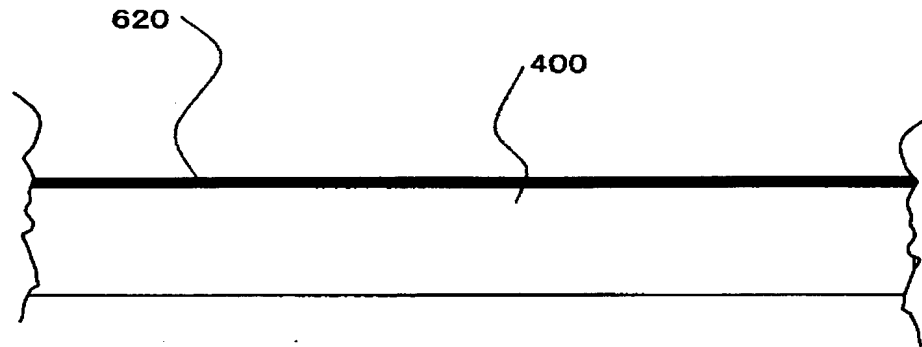
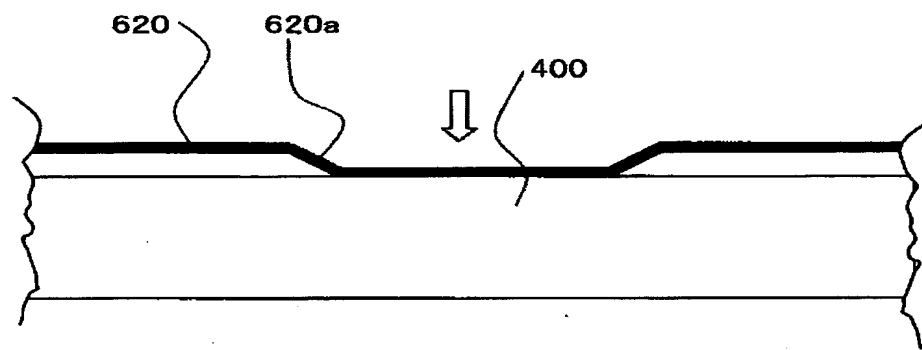


FIG. 11

(a)



(b)



(c)

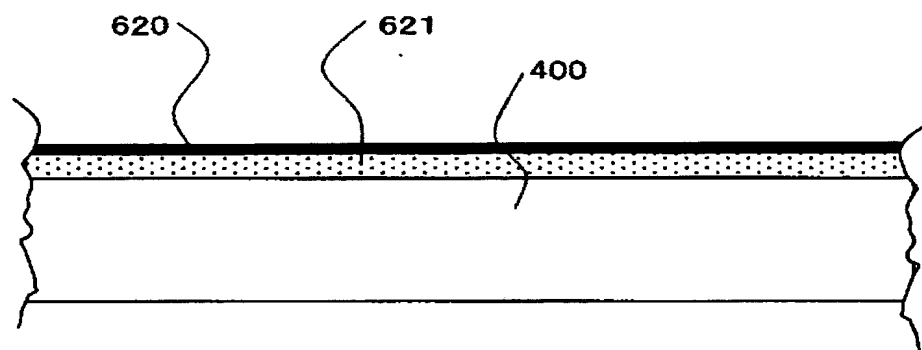


FIG. 12

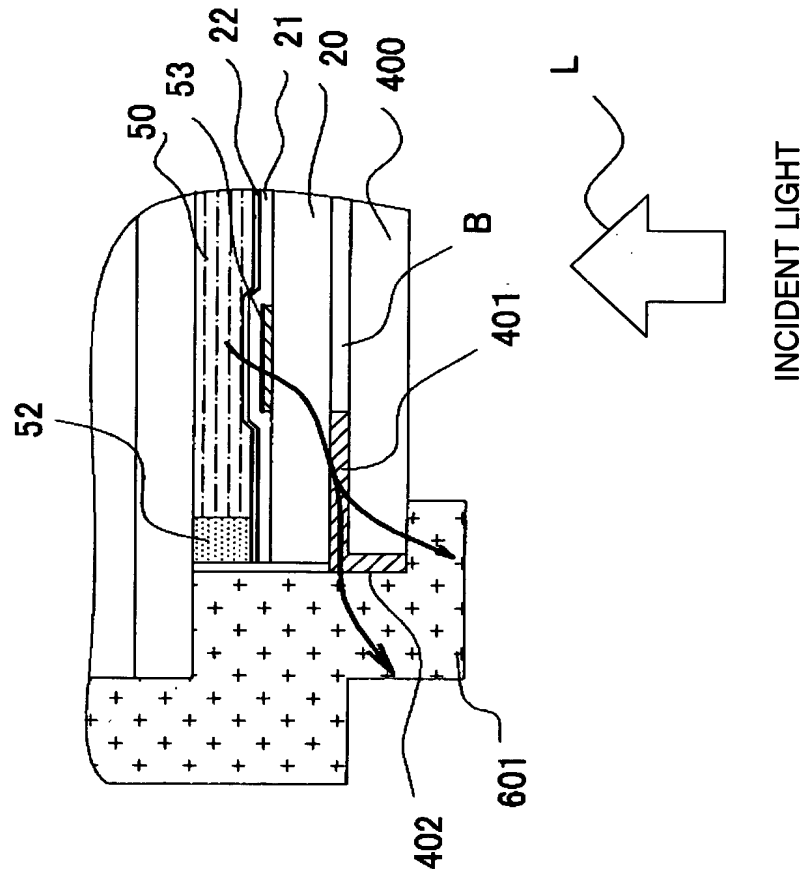


FIG. 13

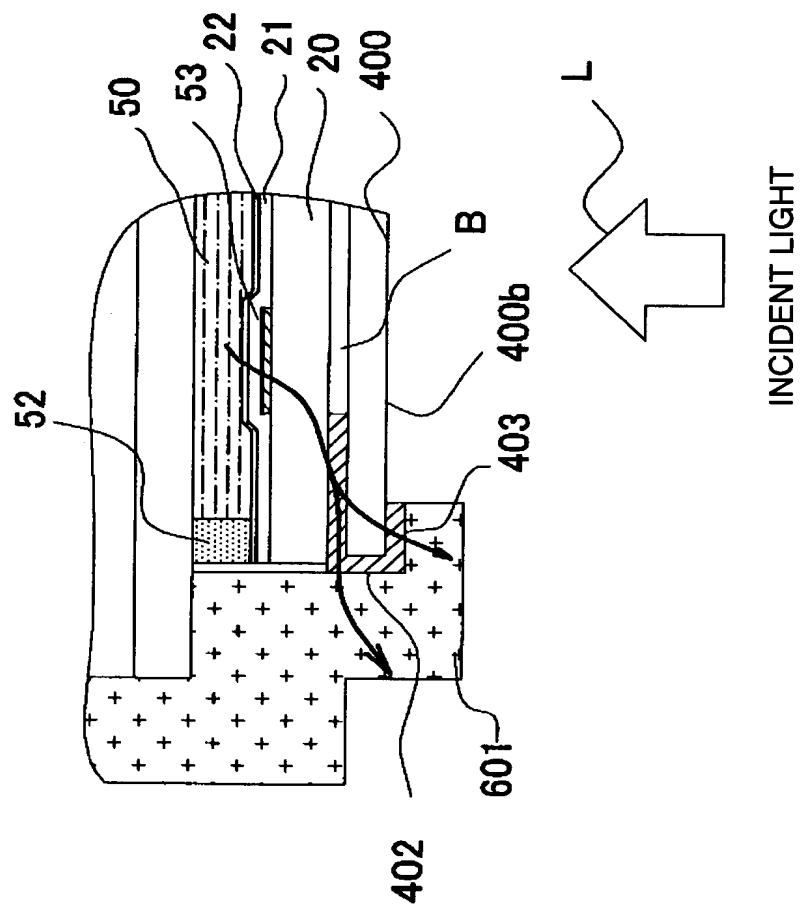


FIG. 14

